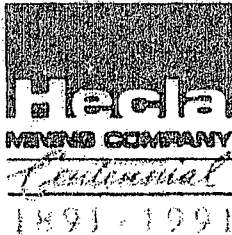
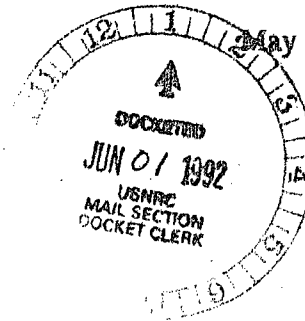


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Mr. Ramon E. Hall
 United States Nuclear Regulatory Commission
 Region IV
 Uranium Recovery Field Office
 P.O. Box 25325
 Denver, Colorado 80225



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RE: License SUA-1482, Johnny M Site Reclamation

Dear Mr. Hall:

The NRC conducted an on-site inspection of the Johnny M Mine on March 12, 1992. The results of this inspection were reported to Hecla in the NRC's letter dated May 20, 1992.

The NRC identified an area west of the fence in the south area as needing additional cleanup. Additional cleanup was conducted in this area on April 30, 1992. The cleanup was guided by gamma measurement. Cleanup was conducted until all of the area in question was below 20 uR/hr. (A gamma measurement of 20 uR/hr was obtained in an area known to contain less than 5 pCi/g radium-226 on the day of cleanup.) Cleanup of the area to an acceptable radium-226 level was confirmed by collecting six soil samples and analyzing for radium-226. All samples were collected to a six inch depth and composited into two samples (three grab samples per composite). Compositing of the grab samples was conducted by the analytical laboratory. The analytical results of 1.2 ± 0.9 pCi/g and 0.8 ± 0.8 pCi/g indicates that the cleanup effort was successful. Also, as an ALARA function, additional cleanup was conducted in the two areas where soil samples JMM-15 and JMM-16 were collected by Mr. Ward of your staff. Approximately 75 yd³ of soil was removed from the site and transported to Quivira Mining Company for disposal.

Very truly yours,

Gary R. Gamble
 Gary R. Gamble

Environmental Engineer

Attachments

OFFICIAL DOCKET COPY

cc: Larry Drew - HMC
 George Wilhelm - HMC
 Alan Kuhn - AKG

Add Info
 92-0500

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 PDR ADDCK 04008914
 PDR